

4

3

2

1

NOTES CONTINUED:

Ⓢ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED.  
EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

REV.	DATE	DCN #	DRAWING TREE #
1	-	original	-
-	-	-	-
-	-	-	-

D

D

C

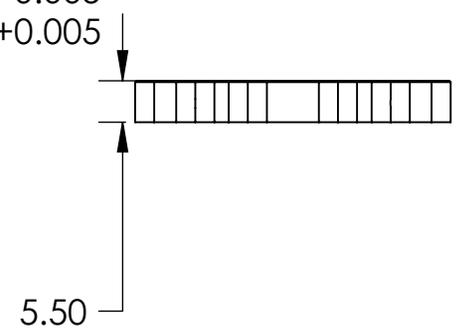
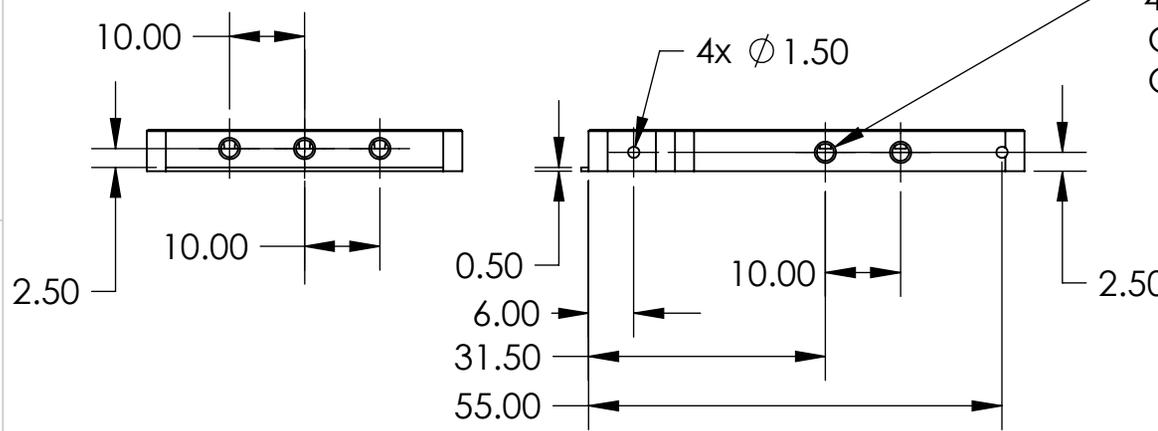
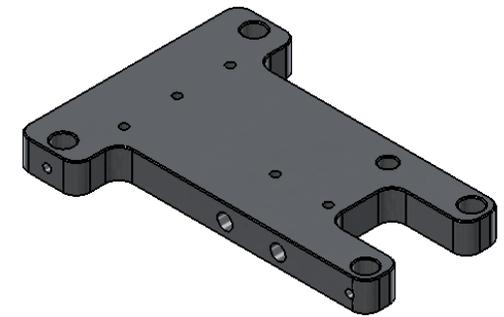
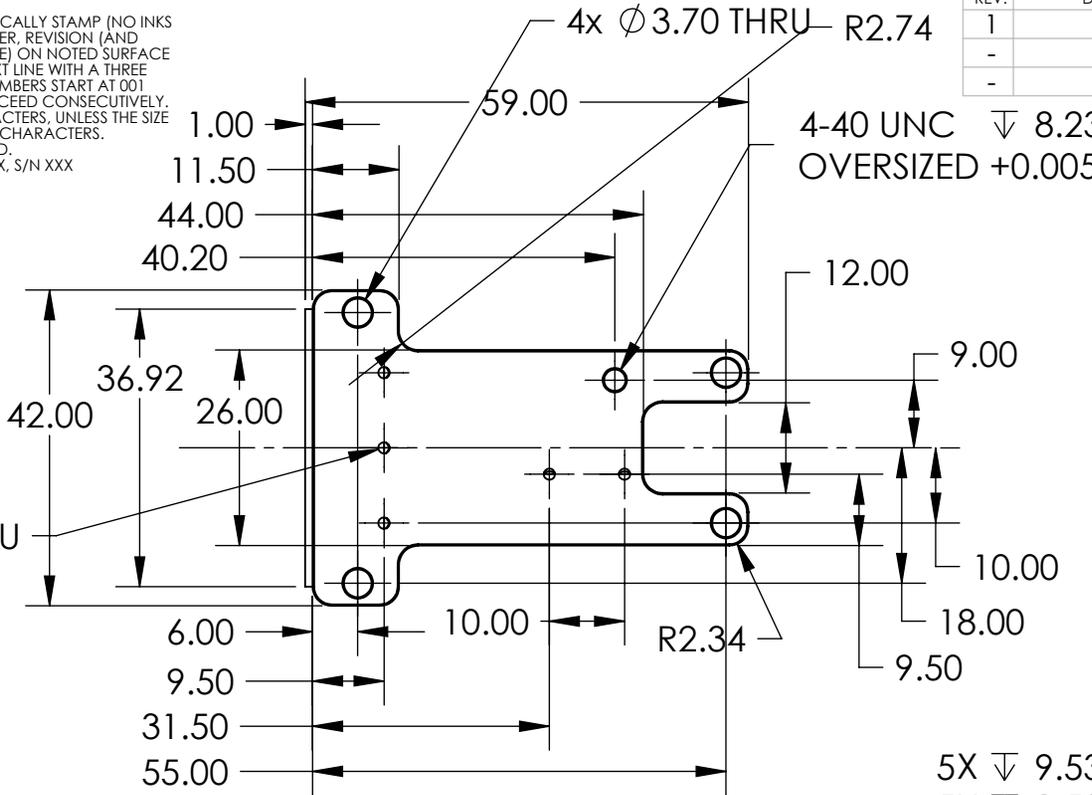
C

B

B

A

A



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:  
 .XX  $\pm .10$   
 .XXX  $\pm .010$

ANGULAR  $\pm 0.5^\circ$

1. INTERPRET DRAWING PER ASME Y14.5-1994.  
 2. REMOVE ALL SHARP EDGES, R.02 MIN.  
 3. DO NOT SCALE FROM DRAWING.  
 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

MATERIAL: 6061-T6 (SS)  
 FINISH: 32  $\mu$ inch

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: **ADVANCED LIGO**  
 SUB-SYSTEM: **ISC**  
 NEXT ASSY: **Tip-Tilt Structure**

PART NAME: **Tip-Tilt Base Pitch Adjuster**

DESIGNER: BJJ Slagmolen 13 May 2010	SIZE: DWG. NO. A	REV. v1
DRAFTER: Bram slagmolen 19 AUG 2010	<b>D1000766</b>	
CHECKER: Paul McNamara	SCALE: 1:1	PROJECTION:
APPROVAL:		SHEET 1 OF 1

4

3

2

1